

Appl. No. 10/806,956

Amdt. Dated January 11, 2005

Reply to Office action of October 21, 2004

Amendments to the Specification:

Please amend paragraph [0016] as shown below.

[0016] An apparatus to control displacement of a body spaced-apart from a surface features an actuation system coupled to a flexure system to selectively constrain movement of a body coupled to the flexure system along a subset of the plurality of axes. In this manner, unwanted movement of the body may be constrained to facilitate improved imprinting techniques. To that end, the apparatus includes a first flexure member defining a first axis of rotation and a second flexure member defining a second axis of rotation. The first and the second flexure members are included in the flexure system. The body is coupled to the flexure system to move about a plurality of axes. The actuation system is coupled to the flexure system. In one embodiment, the actuation system provides resistance to translational displacement of said body with respect to a ~~subgroup of~~ said subset of axes, while allowing free translation displacement with respect to axes outside of said subset, and resistance to rotational displacement of said body with respect to a ~~sub-portion of said~~ subgroup of the plurality of axes, while allowing free rotational displacement of said body with respect to axes outside of said ~~sub-portion~~ subgroup. To that end, the actuation system may include one or more piezo actuators. These and other embodiments are discussed more fully below.